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NEWS 4	APR 04	STN AnaVist $500 visualization usage credit offered
NEWS 5	MAY 10	CA/CAplus enhanced with 1900-1906 U.S. patent records
NEWS 6	MAY 11	KOREAPAT updates resume
NEWS 7	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 8	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 9	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 10	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS 11	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS 12	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13	JUl 11	CHEMSAFE reloaded and enhanced
NEWS 14	JUl 14	FSTA enhanced with Japanese patents
NEWS 15	JUl 19	Coverage of Research Disclosure reinstated in DWPI
NEWS 16	AUG 09	INSPEC enhanced with 1898-1968 archive

NEWS EXPRESS JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
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* * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

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FILE COVERS 1907 - 24 Aug 2006 VOL 145 ISS 9
FILE LAST UPDATED: 23 Aug 2006 (20060823/ED)

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=> s us 20040185510/pn
L1            1 US 20040185510/PN
                (US2004185510/PN)

=> sel rn
E1 THROUGH E95 ASSIGNED

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     2.49       2.70

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STRUCTURE FILE UPDATES:   23 AUG 2006  HIGHEST RN 904004-64-4
DICTIONARY FILE UPDATES:  23 AUG 2006  HIGHEST RN 904004-64-4

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http://www.cas.org/ONLINE/UG/regprops.html

=> s e1-e95
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=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.44	3.14

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=> s l2
L3 1338925 L2

=> s l3 not py>1997
8661034 PY>1997
L4 941286 L3 NOT PY>1997

=> s l4 and imag?
463214 IMAG?
L5 10533 L4 AND IMAG?

=> s l5 and DOTA
1141 DOTA
L6 40 L5 AND DOTA

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.77	9.91

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DICTIONARY FILE UPDATES: 23 AUG 2006 HIGHEST RN 904004-64-4

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```
=> d his

     (FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006)

     FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1            1 S US 20040185510/PN
              SEL RN

     FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2           95 S E1-E95

     FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3      1338925 S L2
L4       941286 S L3 NOT PY>1997
L5        10533 S L4 AND IMAG?
L6           40 S L5 AND DOTA

     FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

=> d l2

L2   ANSWER 1 OF 95  REGISTRY  COPYRIGHT 2006 ACS on STN
RN   195888-52-9  REGISTRY
ED   Entered STN:  23 Oct 1997
CN   Indate(3-)-115In, [N-[2-[[2-[bis[(carboxy-κO)methyl]amino-
     κN]ethyl][(carboxy-κO)methyl]amino-κN]ethyl]-N-[(carboxy-
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     tryptophyl-L-norleucyl-L-α-aspartyl-L-phenylalaninamidato(6-)]-,
     trihydrogen (9CI)  (CA INDEX NAME)
FS   PROTEIN SEQUENCE
MF   C65 H81 In N13 O22 . 3 H
CI   CCS
SR   CA
LC   STN Files:   CA, CAPLUS, TOXCENTER, USPATFULL
CRN  (758667-02-6)

**RELATED SEQUENCES AVAILABLE WITH SEQLINK**
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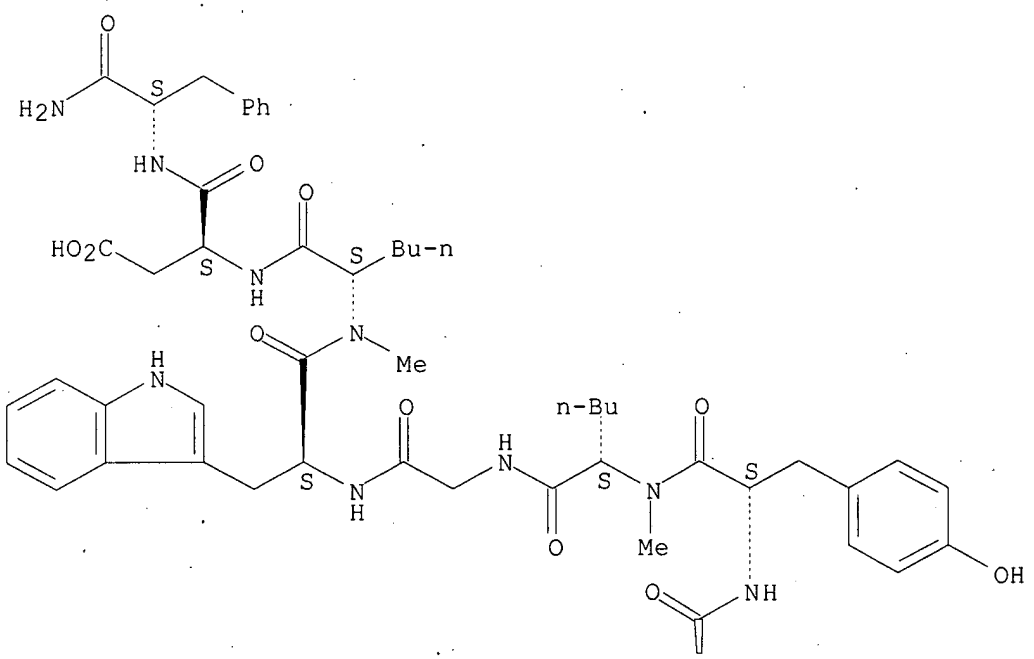
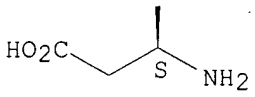
PAGE 1-A



PAGE 2-A



/ Structure 3 in file .gra /

/ Structure 4 in file .gra /

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.34	12.25

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CAN --------- List of CA abstract numbers without answer numbers
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CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers; SCAN must be entered on the same line as the DISPLAY, e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

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SIBIB ------- IBIB, no citations

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HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT) containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

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=> d his

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     FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1             1 S US 20040185510/PN
                 SEL RN

     FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2            95 S E1-E95

     FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3       1338925 S L2
L4        941286 S L3 NOT PY>1997
L5         10533 S L4 AND IMAG?
L6            40 S L5 AND DOTA

     FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

     FILE 'CAPLUS' ENTERED AT 13:21:55 ON 24 AUG 2006

=> s l5 and (CKK or cholecystokinin)
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               1 CKKS
              31 CKK
                   (CKK OR CKKS)
           13580 CHOLECYSTOKININ
              80 CHOLECYSTOKININS
           13586 CHOLECYSTOKININ
                   (CHOLECYSTOKININ OR CHOLECYSTOKININS)
L7            30 L5 AND (CKK OR CHOLECYSTOKININ)

=> d d kwic 1
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CAN --------- List of CA abstract numbers without answer numbers
CBIB -------- AN, plus Compressed Bibliographic Data
CLASS ------- IPC, NCL, ECLA, FTERM
DALL -------- ALL, delimited (end of each field identified)
DMAX -------- MAX, delimited for post-processing
FAM --------- AN, PI and PRAI in table, plus Patent Family data
FBIB -------- AN, BIB, plus Patent FAM
IND --------- Indexing data
IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
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SAM --------- CC, SX, TI, ST, IT
SCAN -------- CC, SX, TI, ST, IT (random display, no answer numbers;
              SCAN must be entered on the same line as the DISPLAY,
              e.g., D SCAN or DISPLAY SCAN)
STD --------- BIB, CLASS

IABS -------- ABS, indented with text labels
IALL -------- ALL, indented with text labels
IBIB -------- BIB, indented with text labels
IMAX -------- MAX, indented with text labels
ISTD -------- STD, indented with text labels

OBIB -------- AN, plus Bibliographic Data (original)
OIBIB ------- OBIB, indented with text labels

SBIB -------- BIB, no citations
SIBIB ------- IBIB, no citations

HIT --------- Fields containing hit terms
HITIND ------ IC, ICA, ICI, NCL, CC and index field (ST and IT)
              containing hit terms
HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and
              its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its
              structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

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TI,IND; TI,SO.  You may specify the format fields in any order and the
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All of the formats (except for SAM, SCAN, HIT, HITIND, HITRN, HITSTR,
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=> d his

     (FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006)

     FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1             1 S US 20040185510/PN
                 SEL RN

     FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2            95 S E1-E95

     FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3       1338925 S L2
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L6            40 S L5 AND DOTA

     FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

     FILE 'CAPLUS' ENTERED AT 13:21:55 ON 24 AUG 2006
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L7 30 S L5 AND (CKK OR CHOLECYSTOKININ)

=> d ibib 1-5

L7 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:733681 CAPLUS
DOCUMENT NUMBER: 128:10507
TITLE: Role of cholecystokinin in the regulation of liquid gastric emptying and gastric motility in humans: studies with the CCK antagonist loxiglumide
AUTHOR(S): Schwizer, W.; Borovicka, J.; Kunz, P.; Fraser, R.; Kreiss, C.; D'Amato, M.; Crelier, G.; Boesiger, P.; Fried, M.
CORPORATE SOURCE: Division of Gastroenterology, University Hospital, Zurich, 8091, Switz.
SOURCE: Gut (1997), 41(4), 500-504
CODEN: GUTTAK; ISSN: 0017-5749
PUBLISHER: BMJ Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:685310 CAPLUS
DOCUMENT NUMBER: 127:342079
TITLE: Galanin and cholecystokinin in cultured magnocellular neurons isolated from adult rat supraoptic nuclei: a correlative light and scanning electron microscopical study
AUTHOR(S): Sanchez, Adelaida; Bilinski, Mario; Nicolini, Valeria Gonzalez; Villar, Marcelo J.; Tramezzani, Juan H.
CORPORATE SOURCE: Facultad de Ciencias Veterinarias, Catedra de Histologia y Embriologia, Universidad de Buenos Aires, Buenos Aires, Argent.
SOURCE: Histochemical Journal (1997), 29(8), 631-638
CODEN: HISJAE; ISSN: 0018-2214
PUBLISHER: Chapman & Hall
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:342504 CAPLUS
DOCUMENT NUMBER: 127:60751
TITLE: Quantitative dynamic multicompartmental analysis of cholecystokinin receptor movement in a living cell using dual fluorophores and reconstruction of confocal images
AUTHOR(S): Go, William Y.; Roettger, Belinda F.; Holicky, Eileen L.; Hadac, Elizabeth M.; Miller, Laurence J.
CORPORATE SOURCE: Center Basic Res. Digestive Diseases, Mayo Clinic, Rochester, MN, 55905, USA
SOURCE: Analytical Biochemistry (1997), 247(2), 210-215
CODEN: ANBCA2; ISSN: 0003-2697
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:269250 CAPLUS
DOCUMENT NUMBER: 126:303260

TITLE: Morphine augmentation increases gallbladder visualization in patients pretreated with cholecystokinin
AUTHOR(S): Chen, Charles C.; Holder, Lawrence E.; Maunoury, Christophe; Drachenberg, Cinthia I.
CORPORATE SOURCE: Departments of Diagnostic Radiology and Pathology, Division of Nuclear Medicine, University of Maryland Medical System, Baltimore, MD, USA
SOURCE: Journal of Nuclear Medicine (1997), 38(4), 644-647
CODEN: JNMEAQ; ISSN: 0161-5505
PUBLISHER: Society of Nuclear Medicine
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:513930 CAPLUS
DOCUMENT NUMBER: 125:191865
TITLE: Recovery from TPA inhibition of receptor-mediated Ca2+ mobilization is paralleled by down-regulation of protein kinase C-α in CHO cells expressing the CCK-A receptor
AUTHOR(S): Smeets, R. L. L.; Garner, K. M.; Hendriks, M.; van Emst-de Vries, S. E.; Peacock, M. D.; Hendriks, W.; de Pont, J. J. H. H. M.; Willems, P. H. G. M.
CORPORATE SOURCE: Dep. biochemistry, Univ. Nijmegen, Neth.
SOURCE: Cell Calcium (1996), 20(1), 1-9
CODEN: CECADV; ISSN: 0143-4160
PUBLISHER: Churchill Livingstone
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d his

(FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006)

FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1 1 S US 20040185510/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2 95 S E1-E95

FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3 1338925 S L2
L4 941286 S L3 NOT PY>1997
L5 10533 S L4 AND IMAG?
L6 40 S L5 AND DOTA

FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

FILE 'CAPLUS' ENTERED AT 13:21:55 ON 24 AUG 2006
L7 30 S L5 AND (CKK OR CHOLECYSTOKININ)

=> s l3 (l) imag?
463214 IMAG?
L8 4955 L3 (L) IMAG?

=> s l8 and (CKK or cholecystokinin)
30 CKK
1 CKKS
31 CKK
(CKK OR CKKS)
13580 CHOLECYSTOKININ
80 CHOLECYSTOKININS

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                (CHOLECYSTOKININ OR CHOLECYSTOKININS)
L9           11 L8 AND (CKK OR CHOLECYSTOKININ)

=> s l9 not py>1997
       8661034 PY>1997
L10           3 L9 NOT PY>1997

=> d ibib 1-3

L10  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1997:342504  CAPLUS
DOCUMENT NUMBER:          127:60751
TITLE:                    Quantitative dynamic multicompartmental analysis of
                          cholecystokinin receptor movement in a living
                          cell using dual fluorophores and reconstruction of
                          confocal images
AUTHOR(S):                Go, William Y.; Roettger, Belinda F.; Holicky, Eileen
                          L.; Hadac, Elizabeth M.; Miller, Laurence J.
CORPORATE SOURCE:         Center Basic Res. Digestive Diseases, Mayo Clinic,
                          Rochester, MN, 55905, USA
SOURCE:                   Analytical Biochemistry (1997), 247(2), 210-215
                          CODEN: ANBCA2; ISSN: 0003-2697
PUBLISHER:                Academic
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
REFERENCE COUNT:          8     THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1990:455154  CAPLUS
DOCUMENT NUMBER:          113:55154
TITLE:                    Paramagnetic, ferromagnetic and superparamagnetic
                          contrast agents for magnetic resonance imaging
INVENTOR(S):              Berg, Arne; Klaveness, Jo
PATENT ASSIGNEE(S):       Cockbain, Julian Roderick Michaelson, UK; Nycomed A/S
SOURCE:                   PCT Int. Appl., 36 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    --------------------     --------
     WO 8909625            A1    19891019    WO 1989-EP376            19890406
         W:  AU, DK, FI, GB, JP, NO, US
         RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
     AU 8933598            A1    19891103    AU 1989-33598            19890406
     AU 624132             B2    19920604
     EP 414700             A1    19910306    EP 1989-904039           19890406
     EP 414700             B1    19931013
         R:  AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
     JP 03503612           T2    19910815    JP 1989-503744           19890406
     JP 08002802           B4    19960117
     AT 95705              E     19931015    AT 1989-904039           19890406
     DK 9002394            A     19901004    DK 1990-2394             19901004
     NO 9004337            A     19901205    NO 1990-4337             19901005
     US 5128121            A     19920707    US 1990-585140           19901009
PRIORITY APPLN. INFO.:                       GB 1988-8305        A    19880408
                                             EP 1989-904039      A    19890406
                                             WO 1989-EP376       A    19890406

L10  ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1986:546866  CAPLUS
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DOCUMENT NUMBER: 105:146866
TITLE: High concentrations of cholecystokinin receptor binding sites in the ventromedial hypothalamic nucleus
AUTHOR(S): Day, Nicola C.; Hall, Martin D.; Clark, Colin R.; Hughes, John
CORPORATE SOURCE: Parke-Davis Res. Unit, Addenbrooke's Hosp., Cambridge, CB2 2QB, UK
SOURCE: Neuropeptides (Edinburgh, United Kingdom) (1986), 8(1), 1-18
CODEN: NRPPDD; ISSN: 0143-4179
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d kwic 1

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Quantitative dynamic multicompartmental analysis of cholecystokinin receptor movement in a living cell using dual fluorophores and reconstruction of confocal images
AB . . . receptor using confocal microscopy, with anal. involving three-dimensional reconstruction and quantitation of receptor movement through each compartment. When a radioiodinated cholecystokinin (CCK) analog occupied its receptor on the CHO-CCKR cell line, it became progressively more resistant to dissociation with acidic medium.. . .
IT Biological transport
(internalization; quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT Cell membrane
Tachyphylaxis
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT Cholecystokinin receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT 9011-97-6, Cholecystokinin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)

=>

---Logging off of STN---

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=> LOG Y

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	25.05	37.30

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.75	-0.75

STN INTERNATIONAL LOGOFF AT 13:25:02 ON 24 AUG 2006

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NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS 7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 13	OCT 19	E-mail format enhanced
NEWS 14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 19	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 20	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 21	NOV 13	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 22	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 23	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 24	NOV 20	CA/CAplus patent kind codes will be updated
NEWS 25	DEC 01	CAS REGISTRY updated with new ambiguity codes

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

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FILE 'HOME' ENTERED AT 13:35:48 ON 07 DEC 2006

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COST IN U.S. DOLLARS SINCE FILE ENTRY TOTAL SESSION
FULL ESTIMATED COST 0.21 0.21

FILE 'REGISTRY' ENTERED AT 13:36:14 ON 07 DEC 2006
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9
DICTIONARY FILE UPDATES: 6 DEC 2006 HIGHEST RN 914980-83-9

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 30, 2006

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REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/ONLINE/UG/regprops.html

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INVALID BRACKET EXPRESSION

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" IS NOT A VALID AMINO ACID SYMBOL

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L1 136 DY'NLE'GW'NLE'DF/SQSP

=> s DYMGWMDF/SQSP
L2 424 DYMGWMDF/SQSP

=> s file caplus
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ENTER A FILE NAME OR (ALL):caplus
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=> file caplus
COST IN U.S. DOLLARS SINCE FILE TOTAL

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FULL ESTIMATED COST                                 59.10      59.31

FILE 'CAPLUS' ENTERED AT 13:39:00 ON 07 DEC 2006
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FILE COVERS 1907 - 7 Dec 2006  VOL 145 ISS 24
FILE LAST UPDATED: 6 Dec 2006  (20061206/ED)

Effective October 17, 2005, revised CAS Information Use Policies apply.
They are available for your review at:

http://www.cas.org/infopolicy.html

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L3          84 L1

=> s DPTA and l3
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            347 DPTA
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L4            0 DPTA AND L3

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L5            5 DOTA AND L3

=> d ibib 1-5

L5   ANSWER 1 OF 5  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         2002:240598  CAPLUS
DOCUMENT NUMBER:          136:272268
TITLE:                    Prochelators for the preparation of radiometal labeled
                          molecules having improved biological properties
INVENTOR(S):              Maecke, Helmut R.; Eisenwiener, Klaus; Powell, Pia
PATENT ASSIGNEE(S):       Mallinckrodt, Inc., USA
SOURCE:                   PCT Int. Appl., 21 pp.
                          CODEN: PIXXD2
DOCUMENT TYPE:            Patent
LANGUAGE:                 English
FAMILY ACC. NUM. COUNT:   1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
     WO 2002024235         A2    20020328    WO 2001-EP5483          20010511
     WO 2002024235         A3    20020829
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,
             GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT,
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RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG

AU 2001077488	A5	20020402	AU 2001-77488		20010511
EP 1289571	A2	20030312	EP 2001-955279		20010511
EP 1289571	B1	20040721			
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR					
JP 2004509152	T2	20040325	JP 2002-528305		20010511
AT 271396	E	20040815	AT 2001-955279		20010511
ES 2221903	T3	20050116	ES 2001-1955279		20010511
US 2006233704	A1	20061019	US 2006-533906		20060330
PRIORITY APPLN. INFO.:			EP 2000-110084	A	20000512
			WO 2001-EP5483	W	20010511

OTHER SOURCE(S): MARPAT 136:272268

L5 ANSWER 2 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:619258 CAPLUS
DOCUMENT NUMBER: 133:350200
TITLE: A convenient synthesis of novel bifunctional prochelators for coupling to bioactive peptides for radiometal labelling
AUTHOR(S): Eisenwiener, K.-P.; Powell, P.; Macke, H. R.
CORPORATE SOURCE: Department of Radiology, Institute of Nuclear Medicine, Division of Radiological Chemistry, University Hospital, Basel, CH-4031, Switz.
SOURCE: Bioorganic & Medicinal Chemistry Letters (2000), 10(18), 2133-2135
CODEN: BMCLE8; ISSN: 0960-894X
PUBLISHER: Elsevier Science Ltd.
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE(S): CASREACT 133:350200
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 3 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 2000:44679 CAPLUS
DOCUMENT NUMBER: 132:319291
TITLE: Preclinical and initial clinical evaluation of 111In-labeled nonsulfated CCK8 analog: A peptide for CCK-B receptor-targeted scintigraphy and radionuclide therapy
AUTHOR(S): De Jong, Marion; Bakker, Willem H.; Bernard, Bert F.; Valkema, Roelf; Kwekkeboom, Dik J.; Reubi, Jean-Claude; Srinivasan, Ananth; Schmidt, Michelle; Krenning, Eric P.
CORPORATE SOURCE: Department of Nuclear Medicine, University Hospital Dijkzigt, Rotterdam, 3015 GD, Neth.
SOURCE: Journal of Nuclear Medicine (1999), 40(12), 2081-2087
CODEN: JNMEAQ; ISSN: 0161-5505
PUBLISHER: Society of Nuclear Medicine, Inc.
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 18 THERE ARE 18 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 4 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:271563 CAPLUS
DOCUMENT NUMBER: 129:119669
TITLE: Unsulfated DTPA- and DOTA-CCK analogs as specific high-affinity ligands for CCK-B receptor-expressing human and rat tissues in vitro and

in vivo
AUTHOR(S): Reubi, J. C.; Waser, B.; Schaer, J. C.; Laederach, U.; Erion, J.; Srinivasan, A.; Schmidt, M. A.; Bugaj, J. E.
CORPORATE SOURCE: Institute of Pathology, Division of Cell Biology and Experimental Cancer Research, University of Berne, Switz.
SOURCE: European Journal of Nuclear Medicine (1998), 25(5), 481-490
CODEN: EJNMD9; ISSN: 0340-6997
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L5 ANSWER 5 OF 5 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:594650 CAPLUS
DOCUMENT NUMBER: 127:259530
TITLE: Use of labeled CCK-B receptor ligands for the detection, localization, and treatment of malignant human tumors
INVENTOR(S): Reubi, Jean-Claude
PATENT ASSIGNEE(S): Mallinckrodt Medical, Inc., USA; Reubi, Jean-Claude
SOURCE: PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.		DATE
WO 9731657	A2	19970904	WO 1997-US3056		19970225
WO 9731657	A3	19971023			
W: CA, JP, US					
RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE					
CA 2247430	AA	19970904	CA 1997-2247430		19970225
EP 885017	A2	19981223	EP 1997-908751		19970225
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, FI					
JP 2000506141	T2	20000523	JP 1997-531108		19970225
US 2004185510	A1	20040923	US 2003-626229		20030724
PRIORITY APPLN. INFO.:			EP 1996-200498	A	19960227
			WO 1997-US3056	W	19970225
			US 1999-125823	B1	19990119

OTHER SOURCE(S): MARPAT 127:259530

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=> d his

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L2 424 S DYMGWMDF/SQSP

FILE 'CAPLUS' ENTERED AT 13:39:00 ON 07 DEC 2006
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L4 0 S DPTA AND L3
L5 5 S DOTA AND L3

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L8            0 L7 NOT PY>1997

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       8285247 PY>1998
L9            1 L7 NOT PY>1998

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L9   ANSWER 1 OF 1  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:         1998:271563  CAPLUS
DOCUMENT NUMBER:          129:119669
TITLE:                    Unsulfated DTPA- and DOTA-CCK analogs as specific
                          high-affinity ligands for CCK-B receptor-expressing
                          human and rat tissues in vitro and in vivo
AUTHOR(S):                Reubi, J. C.; Waser, B.; Schaer, J. C.; Laederach, U.;
                          Erion, J.; Srinivasan, A.; Schmidt, M. A.; Bugaj, J.
                          E.
CORPORATE SOURCE:         Institute of Pathology, Division of Cell Biology and
                          Experimental Cancer Research, University of Berne,
                          Switz.
SOURCE:                   European Journal of Nuclear Medicine (1998), 25(5),
                          481-490
                          CODEN: EJNMD9; ISSN: 0340-6997
PUBLISHER:                Springer-Verlag
DOCUMENT TYPE:            Journal
LANGUAGE:                 English
REFERENCE COUNT:          26    THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT


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L2          424 S DYMGWMDF/SQSP

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L5            5 S DOTA AND L3
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L7           12 S L6 AND L3
L8            0 S L7 NOT PY>1997
L9            1 S L7 NOT PY>1998

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=> s l11 not py>1996
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9844902 PY>1996
L13 20 L11 NOT PY>1996

=> d ibib 1-4

L13 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:395151 CAPLUS
DOCUMENT NUMBER: 125:133249
TITLE: The excitatory effect of cholecystokinin on rat neostriatal neurons: ionic and molecular mechanisms
AUTHOR(S): Wu, Tony; Wang, Hung-Li
CORPORATE SOURCE: Department of Neurology, Chang Gung Memorial Hospital, Kwei-San, Tao-Yuan, Taiwan
SOURCE: European Journal of Pharmacology (1996), 307(2), 125-132
CODEN: EJPHAZ; ISSN: 0014-2999
PUBLISHER: Elsevier
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 2 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:862980 CAPLUS
DOCUMENT NUMBER: 123:247490
TITLE: Nitric oxide modulates pepsinogen secretion induced by calcium-mediated agonist in guinea pig gastric chief cells
AUTHOR(S): Fiorucci, Stefano; Distrutti, Eleonora; Chiorean, Mihnea; Santucci, Luca; Belia, Silvia; Fano, Giorgio; De Giorgio, Roberto; Stanghellini, Vincenzo; Corinaldesi, Roberto; Morelli, Antonio
CORPORATE SOURCE: Dipartimento di Medicina Clinica, Univ. degli Studi di Perugia, Perugia, Italy
SOURCE: Gastroenterology (1995), 109(4), 1214-23
CODEN: GASTAB; ISSN: 0016-5085
PUBLISHER: Saunders
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 3 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:636142 CAPLUS
DOCUMENT NUMBER: 123:26032
TITLE: Potentiation of cholecystokinin-induced amylase release by peptide VIP in guinea pig pancreatic acini
AUTHOR(S): Tanaka, Keiko; Shibuya, Izumi; Kanno, Tomio
CORPORATE SOURCE: Faculty Veterinary Medicine, Hokkaido University, Sapporo, 060, Japan
SOURCE: Japanese Journal of Physiology (1995), 45(2), 241-56
CODEN: JJPHAM; ISSN: 0021-521X
PUBLISHER: Business Center for Academic Societies Japan
DOCUMENT TYPE: Journal
LANGUAGE: English

L13 ANSWER 4 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1995:540954 CAPLUS
DOCUMENT NUMBER: 122:282413
TITLE: Highly sensitive non-isotopic immunoassays for cholecystokinin using various detection methods
AUTHOR(S): Ito, Katsutoshi; Kodama, Ryoko; Maeda, Masako; Tsuji, Akio
CORPORATE SOURCE: Sch. Pharmaceutical Sci., Showa Univ., Tokyo, 142, Japan
SOURCE: Analytical Letters (1995), 28(5), 797-807
CODEN: ANALBP; ISSN: 0003-2719
PUBLISHER: Dekker
DOCUMENT TYPE: Journal

LANGUAGE: English

=> d kwic

L13 ANSWER 1 OF 20 CAPLUS COPYRIGHT 2006 ACS on STN
AB . . . currents. Internal administration of heparin (2 mg/mL), an inositol 1,4,5-trisphosphate (IP3) receptor antagonist, and buffering of intracellular calcium with the Ca2+-chelator, BAPTA (1,2-bis(2-aminophenoxy)ethane-N,N,N',N'-tetraacetic acid, 10 mM), suppressed CCK-8-evoked cationic currents. These findings suggest that, by activating CCKB receptors, CCK-8 excites rat. . .
IT 1947-37-1 25126-32-3, Cholecystokinin-8 (pig)
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(ionic and mol. mechanisms of excitatory effect of cholecystokinin on rat neostriatal neurons)

=> s metal chelat?
1697487 METAL
855839 METALS
2059434 METAL
(METAL OR METALS)
134722 CHELAT?
L14 14458 METAL CHELAT?
(METAL(W)CHELAT?)

=> d his

(FILE 'HOME' ENTERED AT 13:35:48 ON 07 DEC 2006)

FILE 'REGISTRY' ENTERED AT 13:36:14 ON 07 DEC 2006
L1 136 S DY'NLE'GW'NLE'DF/SQSP
L2 424 S DYMGWMDF/SQSP

FILE 'CAPLUS' ENTERED AT 13:39:00 ON 07 DEC 2006
L3 84 S L1
L4 0 S DPTA AND L3
L5 5 S DOTA AND L3
L6 134722 S CHELAT?
L7 12 S L6 AND L3
L8 0 S L7 NOT PY>1997
L9 1 S L7 NOT PY>1998
L10 4485 S L2
L11 49 S L10 AND L6
L12 20 S L11 NOT PY>1997
L13 20 S L11 NOT PY>1996
L14 14458 S METAL CHELAT?

=> s l14 and l10
L15 3 L14 AND L10

=> d ibib 1-3

L15 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1998:271563 CAPLUS
DOCUMENT NUMBER: 129:119669
TITLE: Unsulfated DTPA- and DOTA-CCK analogs as specific high-affinity ligands for CCK-B receptor-expressing human and rat tissues in vitro and in vivo
AUTHOR(S): Reubi, J. C.; Waser, B.; Schaer, J. C.; Laederach, U.; Erion, J.; Srinivasan, A.; Schmidt, M. A.; Bugaj, J. E.
CORPORATE SOURCE: Institute of Pathology, Division of Cell Biology and

Experimental Cancer Research, University of Berne, Switz.
SOURCE: European Journal of Nuclear Medicine (1998), 25(5), 481-490
CODEN: EJNMD9; ISSN: 0340-6997
PUBLISHER: Springer-Verlag
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 26 THERE ARE 26 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L15 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:163822 CAPLUS
DOCUMENT NUMBER: 118:163822
TITLE: Rat kidney endopeptidase 24.16. Purification, physicochemical characteristics and differential specificity towards opiates, tachykinins and neurotensin-related peptides
AUTHOR(S): Barelli, Helene; Vincent, Jean Pierre; Checler, Frederic
CORPORATE SOURCE: Inst. Pharmacol. Mol. Cell., Univ. Nice Sophia Antipolis, Valbonne, Fr.
SOURCE: European Journal of Biochemistry (1993), 211(1-2), 79-90
CODEN: EJBCAI; ISSN: 0014-2956
DOCUMENT TYPE: Journal
LANGUAGE: English

L15 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1981:419815 CAPLUS
DOCUMENT NUMBER: 95:19815
TITLE: Degradation of cholecystokinin-like peptides by a crude rat brain synaptosomal fraction: a study by high pressure liquid chromatography
AUTHOR(S): Deschodt-Lanckman, Monique; Bui, Ngoc Diem; Noyer, Michel; Christophe, Jean
CORPORATE SOURCE: Med. Sch., Univ. Libre Bruxelles, Brussels, B-1000, Belg.
SOURCE: Regulatory Peptides (1981), 2(1), 15-30
CODEN: REPPDY; ISSN: 0167-0115
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d ibib kwic 2-3

L15 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1993:163822 CAPLUS
DOCUMENT NUMBER: 118:163822
TITLE: Rat kidney endopeptidase 24.16. Purification, physicochemical characteristics and differential specificity towards opiates, tachykinins and neurotensin-related peptides
AUTHOR(S): Barelli, Helene; Vincent, Jean Pierre; Checler, Frederic
CORPORATE SOURCE: Inst. Pharmacol. Mol. Cell., Univ. Nice Sophia Antipolis, Valbonne, Fr.
SOURCE: European Journal of Biochemistry (1993), 211(1-2), 79-90
CODEN: EJBCAI; ISSN: 0014-2956
DOCUMENT TYPE: Journal
LANGUAGE: English
AB Endopeptidase 24.16 was purified from rat kidney homogenate on the basis of its ability to generate the biol. inactive degradation products neurotensin (1-10) and neurotensin (11-13). On SDS gels of the proteins pooled after

the last purification step, the enzyme appeared homogeneous and behaved as a 70-kDa monomer. The peptidase was not sensitive to specific inhibitors of aminopeptidases, pyroglutamyl aminopeptidase I, endopeptidase 24.11, endopeptidase 24.15, proline endopeptidase and angiotensin-converting enzyme but was potently inhibited by several metal chelators such as o-phenanthroline and EDTA and was blocked by divalent cations. The specificity of endopeptidase 24.16 towards peptides of the tachykinin, opioid and neurotensin families was examined by competition expts. of tritiated neurotensin hydrolysis as well as HPLC anal. These results indicated that endopeptidase 24.16 could discriminate between peptides belonging to the same family. Neurotensin, Lys8-Asn9-neurotensin(8-13) and xenopsin were efficiently hydrolyzed while neuromedin N and kinetensin underwent little if any proteolysis by the peptidase. Analogously, substance P and dynorphins (1-7) and (1-8) were readily proteolyzed by endopeptidase 24.16 while neurokinin A, amphibian tachykinins and leucine or methionine enkephalins totally resisted degradation By Triton X-114 phase separation, 15-20% of endopeptidase 24.16 partitioned in the detergent phase, indicating that renal endopeptidase 24.16 might exist in a genuine membrane-bound form. The equipotent solubilization of the enzyme by 7 detergents of various critical micellar concns. confirmed the occurrence of a membrane-bound counterpart of endopeptidase 24.16. Furthermore, the absence of release elicited by phosphatidylinositol-specific phospholipase C suggested that the enzyme was not attached by a glycosyl-phosphatidylinositol anchor in the membrane of renal microvilli. Finally, endopeptidase 24.16 could not be released from these membranes upon trypsinolysis.

IT 50-56-6, Oxytocin, biological studies 69-25-0, Eledoisin 113-79-1, [Arg8]vasopressin 2507-24-6, Physalaemin 9034-40-6, LHRH 24305-27-9, TRH 25126-32-3 31362-50-2, Bombesin 33507-63-0, Substance P 37213-49-3, α-Melanotropin 63968-82-1, Kassinin 86933-74-6, Neurokinin A 86933-75-7
RL: BIOL (Biological study)
(endopeptidase 24.16 of kidney microvillus specificity for)

L15 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1981:419815 CAPLUS
DOCUMENT NUMBER: 95:19815
TITLE: Degradation of cholecystokinin-like peptides by a crude rat brain synaptosomal fraction: a study by high pressure liquid chromatography
AUTHOR(S): Deschodt-Lanckman, Monique; Bui, Ngoc Diem; Noyer, Michel; Christophe, Jean
CORPORATE SOURCE: Med. Sch., Univ. Libre Bruxelles, Brussels, B-1000, Belg.
SOURCE: Regulatory Peptides (1981), 2(1), 15-30
CODEN: REPPDY; ISSN: 0167-0115
DOCUMENT TYPE: Journal
LANGUAGE: English

AB Degradation of cholecystokinin-8 (CK-8), CCK-4, and related peptides by a crude synaptosomal fraction of rat brain was investigated by monitoring the tryptophan fluorescence of reaction products after HPLC fractionation. At 20°, the half disappearance time was 52 min for CCK-8, 35 min for unsulfated CCK-8, 20 min for unsulfated CCK-7, 6 min for Tyr(SO3H)-Trp-Met-Asp-Phe-NH2, and 3 min only for CCK-4. Caerulein was much more resistant than CCK-8, and Boc-CCK-4 (where Boc = tert-butoxycarbonyl) and Aoc-CCK-4 (where Aoc = tert-amyloxycarbonyl) remained stable for ≥3 h. The apparent Km for CCK-8 and CCK-4 was 40 μM and maximal activity on CCK-8 was observed at pH 7.0. Zn2+ was strongly inhibitory. The protease inhibitors puromycin and bacitracin, the metal chelator 1,10-phenanthroline, and the SH blocking agents N-ethylmaleimide and p-chloromerlcuribenzoate greatly reduced the release of tryptophan from CCK-8. Puromycin inhibition of CCK-8 degradation provoked the accumulation of a CCK-7-like peptide, and that of CCK-4 degradation was of a competitive type (Ki = 2 μM). The CCK-8-degrading activity of brain synaptosomes was present in the cytosol

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NEWS 6	MAY 11	KOREAPAT updates resume
NEWS 7	MAY 19	Derwent World Patents Index to be reloaded and enhanced
NEWS 8	MAY 30	IPC 8 Rolled-up Core codes added to CA/CAplus and USPATFULL/USPAT2
NEWS 9	MAY 30	The F-Term thesaurus is now available in CA/CAplus
NEWS 10	JUN 02	The first reclassification of IPC codes now complete in INPADOC
NEWS 11	JUN 26	TULSA/TULSA2 reloaded and enhanced with new search and and display fields
NEWS 12	JUN 28	Price changes in full-text patent databases EPFULL and PCTFULL
NEWS 13	JUl 11	CHEMSAFE reloaded and enhanced
NEWS 14	JUl 14	FSTA enhanced with Japanese patents
NEWS 15	JUl 19	Coverage of Research Disclosure reinstated in DWPI
NEWS 16	AUG 09	INSPEC enhanced with 1898-1968 archive

NEWS EXPRESS	JUNE 30 CURRENT WINDOWS VERSION IS V8.01b, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 JUNE 2006.
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NEWS LOGIN	Welcome Banner and News Items
NEWS IPC8	For general information regarding STN implementation of IPC 8
NEWS X25	X.25 communication option no longer available

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FULL ESTIMATED COST	0.21	0.21

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FILE COVERS 1907 - 24 Aug 2006 VOL 145 ISS 9
FILE LAST UPDATED: 23 Aug 2006 (20060823/ED)

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=> s us 20040185510/pn
L1 1 US 20040185510/PN
(US2004185510/PN)

=> sel rn
E1 THROUGH E95 ASSIGNED

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	2.49	2.70

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DICTIONARY FILE UPDATES: 23 AUG 2006 HIGHEST RN 904004-64-4

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L2 95 (10043-49-9/BI OR 10043-66-0/BI OR 10098-91-6/BI OR 105466-87-3/BI OR 13291-61-7/BI OR 13967-64-1/BI OR 13967-65-2/BI OR 13981-25-4/BI OR 13981-49-2/BI OR 13981-55-0/BI OR 13981-59-4/BI OR 14041-42-0/BI OR 14041-44-2/BI OR 14092-99-0/BI OR 14093-04-0/BI OR 14119-08-5/BI OR 14119-09-6/BI OR 14133-76-7/BI OR 14158-30-6/BI OR 14158-31-7/BI OR 14191-64-1/BI OR 14265-75-9/BI OR 14269-78-4/BI OR 14276-53-0/BI OR 14378-26-8/BI OR 14391-11-8/BI OR 14391-19-6/BI OR 14391-32-3/BI OR 14392-02-0/BI OR 14683-06-8/BI OR 14686-69-2/BI OR 14687-25-3/BI OR 14687-61-7/BI OR 14809-47-3/BI OR 14885-78-0/BI OR 14913-89-4/BI OR 14981-64-7/BI OR 14981-79-4/

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OR 15766-03-7/BI OR 15840-13-8/BI OR 195825-83-3/BI OR 195825-84-
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=> s l2
L3 1338925 L2

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8661034 PY>1997
L4 941286 L3 NOT PY>1997

=> s l4 and imag?
463214 IMAG?
L5 10533 L4 AND IMAG?

=> s l5 and DOTA
1141 DOTA
L6 40 L5 AND DOTA

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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.77	9.91

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L1 1 S US 20040185510/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2 95 S E1-E95

FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3 1338925 S L2
L4 941286 S L3 NOT PY>1997
L5 10533 S L4 AND IMAG?
L6 40 S L5 AND DOTA

FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

=> d 12

L2 ANSWER 1 OF 95 REGISTRY COPYRIGHT 2006 ACS on STN
RN 195888-52-9 REGISTRY
ED Entered STN: 23 Oct 1997
CN Indate(3-)-115In, [N-[2-[[2-[bis[(carboxy-κO)methyl]amino-κN]ethyl][(carboxy-κO)methyl]amino-κN]ethyl]-N-[(carboxy-κO)methyl]glycyl-D-α-aspartyl-L-tyrosyl-L-norleucylglycyl-L-tryptophyl-L-norleucyl-L-α-aspartyl-L-phenylalaninamidato(6-)]-, trihydrogen (9CI) (CA INDEX NAME)
FS PROTEIN SEQUENCE
MF C65 H81 In N13 O22 . 3 H
CI CCS
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER, USPATFULL
CRN (758667-02-6)

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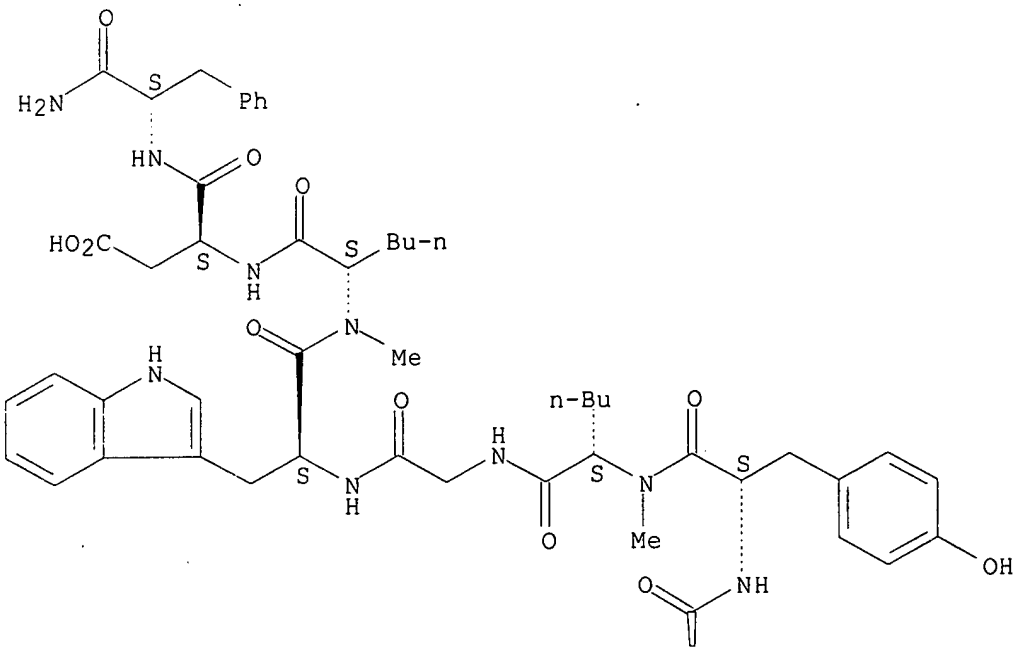
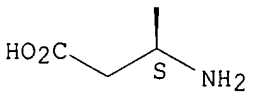
PAGE 1-A



PAGE 2-A



/ Structure 3 in file .gra /

/ Structure 4 in file .gra /

3 REFERENCES IN FILE CA (1907 TO DATE)
3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

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FILE COVERS 1907 - 24 Aug 2006 VOL 145 ISS 9
FILE LAST UPDATED: 23 Aug 2006 (20060823/ED)

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FAM --------- AN, PI and PRAI in table, plus Patent Family data
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MAX --------- ALL, plus Patent FAM, RE
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HITRN ------- HIT RN and its text modification
HITSTR ------ HIT RN, its text modification, its CA index name, and its structure diagram
HITSEQ ------ HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
FHITSTR ----- First HIT RN, its text modification, its CA index name, and its structure diagram
FHITSEQ ----- First HIT RN, its text modification, its CA index name, its structure diagram, plus NTE and SEQ fields
KWIC -------- Hit term plus 20 words on either side
OCC --------- Number of occurrence of hit term and field in which it occurs

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     (FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006)

     FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1             1 S US 20040185510/PN
                 SEL RN

     FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2            95 S E1-E95

     FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3       1338925 S L2
L4        941286 S L3 NOT PY>1997
L5         10533 S L4 AND IMAG?
L6            40 S L5 AND DOTA

     FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

     FILE 'CAPLUS' ENTERED AT 13:21:55 ON 24 AUG 2006

=> s l5 and (CKK or cholecystokinin)
              30 CKK
               1 CKKS
              31 CKK
                   (CKK OR CKKS)
           13580 CHOLECYSTOKININ
              80 CHOLECYSTOKININS
           13586 CHOLECYSTOKININ
                   (CHOLECYSTOKININ OR CHOLECYSTOKININS)
L7            30 L5 AND (CKK OR CHOLECYSTOKININ)

=> d d kwic 1
'D' IS NOT A VALID FORMAT FOR FILE 'CAPLUS'

The following are valid formats:

ABS --------- GI and AB
ALL --------- BIB, AB, IND, RE
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IPC --------- International Patent Classifications
MAX --------- ALL, plus Patent FAM, RE
PATS -------- PI, SO
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              SCAN must be entered on the same line as the DISPLAY,
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HITSTR ------ HIT RN, its text modification, its CA index name, and
              its structure diagram
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TI,IND; TI,SO.  You may specify the format fields in any order and the
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to view a specified Accession Number.
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     FILE 'REGISTRY' ENTERED AT 13:21:29 ON 24 AUG 2006

     FILE 'CAPLUS' ENTERED AT 13:21:55 ON 24 AUG 2006
```

L7 30 S L5 AND (CKK OR CHOLECYSTOKININ)

=> d ibib 1-5

L7 ANSWER 1 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:733681 CAPLUS
DOCUMENT NUMBER: 128:10507
TITLE: Role of cholecystokinin in the regulation of liquid gastric emptying and gastric motility in humans: studies with the CCK antagonist loxiglumide
AUTHOR(S): Schwizer, W.; Borovicka, J.; Kunz, P.; Fraser, R.; Kreiss, C.; D'Amato, M.; Crelier, G.; Boesiger, P.; Fried, M.
CORPORATE SOURCE: Division of Gastroenterology, University Hospital, Zurich, 8091, Switz.
SOURCE: Gut (1997), 41(4), 500-504
CODEN: GUTTAK; ISSN: 0017-5749
PUBLISHER: BMJ Publishing Group
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 37 THERE ARE 37 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 2 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:685310 CAPLUS
DOCUMENT NUMBER: 127:342079
TITLE: Galanin and cholecystokinin in cultured magnocellular neurons isolated from adult rat supraoptic nuclei: a correlative light and scanning electron microscopical study
AUTHOR(S): Sanchez, Adelaida; Bilinski, Mario; Nicolini, Valeria Gonzalez; Villar, Marcelo J.; Tramezzani, Juan H.
CORPORATE SOURCE: Facultad de Ciencias Veterinarias, Catedra de Histologia y Embriologia, Universidad de Buenos Aires, Buenos Aires, Argent.
SOURCE: Histochemical Journal (1997), 29(8), 631-638
CODEN: HISJAE; ISSN: 0018-2214
PUBLISHER: Chapman & Hall
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 42 THERE ARE 42 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 3 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:342504 CAPLUS
DOCUMENT NUMBER: 127:60751
TITLE: Quantitative dynamic multicompartmental analysis of cholecystokinin receptor movement in a living cell using dual fluorophores and reconstruction of confocal images
AUTHOR(S): Go, William Y.; Roettger, Belinda F.; Holicky, Eileen L.; Hadac, Elizabeth M.; Miller, Laurence J.
CORPORATE SOURCE: Center Basic Res. Digestive Diseases, Mayo Clinic, Rochester, MN, 55905, USA
SOURCE: Analytical Biochemistry (1997), 247(2), 210-215
CODEN: ANBCA2; ISSN: 0003-2697
PUBLISHER: Academic
DOCUMENT TYPE: Journal
LANGUAGE: English
REFERENCE COUNT: 8 THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7 ANSWER 4 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1997:269250 CAPLUS
DOCUMENT NUMBER: 126:303260

TITLE: Morphine augmentation increases gallbladder visualization in patients pretreated with cholecystokinin
AUTHOR(S): Chen, Charles C.; Holder, Lawrence E.; Maunoury, Christophe; Drachenberg, Cinthia I.
CORPORATE SOURCE: Departments of Diagnostic Radiology and Pathology, Division of Nuclear Medicine, University of Maryland Medical System, Baltimore, MD, USA
SOURCE: Journal of Nuclear Medicine (1997), 38(4), 644-647
CODEN: JNMEAQ; ISSN: 0161-5505
PUBLISHER: Society of Nuclear Medicine
DOCUMENT TYPE: Journal
LANGUAGE: English

L7 ANSWER 5 OF 30 CAPLUS COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER: 1996:513930 CAPLUS
DOCUMENT NUMBER: 125:191865
TITLE: Recovery from TPA inhibition of receptor-mediated Ca2+ mobilization is paralleled by down-regulation of protein kinase C-α in CHO cells expressing the CCK-A receptor
AUTHOR(S): Smeets, R. L. L.; Garner, K. M.; Hendriks, M.; van Emst-de Vries, S. E.; Peacock, M. D.; Hendriks, W.; de Pont, J. J. H. H. M.; Willems, P. H. G. M.
CORPORATE SOURCE: Dep. biochemistry, Univ. Nijmegen, Neth.
SOURCE: Cell Calcium (1996), 20(1), 1-9
CODEN: CECADV; ISSN: 0143-4160
PUBLISHER: Churchill Livingstone
DOCUMENT TYPE: Journal
LANGUAGE: English

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(FILE 'HOME' ENTERED AT 13:19:27 ON 24 AUG 2006)

FILE 'CAPLUS' ENTERED AT 13:19:37 ON 24 AUG 2006
L1 1 S US 20040185510/PN
SEL RN

FILE 'REGISTRY' ENTERED AT 13:20:00 ON 24 AUG 2006
L2 95 S E1-E95

FILE 'CAPLUS' ENTERED AT 13:20:18 ON 24 AUG 2006
L3 1338925 S L2
L4 941286 S L3 NOT PY>1997
L5 10533 S L4 AND IMAG?
L6 40 S L5 AND DOTA

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L7 30 S L5 AND (CKK OR CHOLECYSTOKININ)

=> s l3 (l) imag?
463214 IMAG?
L8 4955 L3 (L) IMAG?

=> s l8 and (CKK or cholecystokinin)
30 CKK
1 CKKS
31 CKK
(CKK OR CKKS)
13580 CHOLECYSTOKININ
80 CHOLECYSTOKININS

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         13586 CHOLECYSTOKININ
                 (CHOLECYSTOKININ OR CHOLECYSTOKININS)
L9           11 L8 AND (CKK OR CHOLECYSTOKININ)

=> s l9 not py>1997
       8661034 PY>1997
L10           3 L9 NOT PY>1997

=> d ibib 1-3

L10  ANSWER 1 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        1997:342504  CAPLUS
DOCUMENT NUMBER:         127:60751
TITLE:                   Quantitative dynamic multicompartmental analysis of
                         cholecystokinin receptor movement in a living
                         cell using dual fluorophores and reconstruction of
                         confocal images
AUTHOR(S):               Go, William Y.; Roettger, Belinda F.; Holicky, Eileen
                         L.; Hadac, Elizabeth M.; Miller, Laurence J.
CORPORATE SOURCE:        Center Basic Res. Digestive Diseases, Mayo Clinic,
                         Rochester, MN, 55905, USA
SOURCE:                  Analytical Biochemistry (1997), 247(2), 210-215
                         CODEN: ANBCA2; ISSN: 0003-2697
PUBLISHER:               Academic
DOCUMENT TYPE:           Journal
LANGUAGE:                English
REFERENCE COUNT:         8      THERE ARE 8 CITED REFERENCES AVAILABLE FOR THIS
                                RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L10  ANSWER 2 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        1990:455154  CAPLUS
DOCUMENT NUMBER:         113:55154
TITLE:                   Paramagnetic, ferromagnetic and superparamagnetic
                         contrast agents for magnetic resonance imaging
INVENTOR(S):             Berg, Arne; Klaveness, Jo
PATENT ASSIGNEE(S):      Cockbain, Julian Roderick Michaelson, UK; Nycomed A/S
SOURCE:                  PCT Int. Appl., 36 pp.
                         CODEN: PIXXD2
DOCUMENT TYPE:           Patent
LANGUAGE:                English
FAMILY ACC. NUM. COUNT:  1
PATENT INFORMATION:

     PATENT NO.           KIND   DATE        APPLICATION NO.          DATE
     ---------------      ----   --------    -------------------      --------
     WO 8909625            A1    19891019    WO 1989-EP376            19890406
         W:  AU, DK, FI, GB, JP, NO, US
         RW: AT, BE, CH, DE, FR, GB, IT, LU, NL, SE
     AU 8933598            A1    19891103    AU 1989-33598            19890406
     AU 624132             B2    19920604
     EP 414700             A1    19910306    EP 1989-904039           19890406
     EP 414700             B1    19931013
         R:  AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE
     JP 03503612           T2    19910815    JP 1989-503744           19890406
     JP 08002802           B4    19960117
     AT 95705              E     19931015    AT 1989-904039           19890406
     DK 9002394            A     19901004    DK 1990-2394             19901004
     NO 9004337            A     19901205    NO 1990-4337             19901005
     US 5128121            A     19920707    US 1990-585140           19901009
PRIORITY APPLN. INFO.:                       GB 1988-8305        A    19880408
                                             EP 1989-904039      A    19890406
                                             WO 1989-EP376       A    19890406

L10  ANSWER 3 OF 3  CAPLUS  COPYRIGHT 2006 ACS on STN
ACCESSION NUMBER:        1986:546866  CAPLUS
```

DOCUMENT NUMBER: 105:146866
TITLE: High concentrations of cholecystokinin receptor binding sites in the ventromedial hypothalamic nucleus
AUTHOR(S): Day, Nicola C.; Hall, Martin D.; Clark, Colin R.; Hughes, John
CORPORATE SOURCE: Parke-Davis Res. Unit, Addenbrooke's Hosp., Cambridge, CB2 2QB, UK
SOURCE: Neuropeptides (Edinburgh, United Kingdom) (1986), 8(1), 1-18
CODEN: NRPPDD; ISSN: 0143-4179
DOCUMENT TYPE: Journal
LANGUAGE: English

=> d kwic 1

L10 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2006 ACS on STN
TI Quantitative dynamic multicompartmental analysis of cholecystokinin receptor movement in a living cell using dual fluorophores and reconstruction of confocal images
AB . . . receptor using confocal microscopy, with anal. involving three-dimensional reconstruction and quantitation of receptor movement through each compartment. When a radioiodinated cholecystokinin (CCK) analog occupied its receptor on the CHO-CCKR cell line, it became progressively more resistant to dissociation with acidic medium.. . .
IT Biological transport
(internalization; quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT Cell membrane
Tachyphylaxis
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT Cholecystokinin receptors
RL: BPR (Biological process); BSU (Biological study, unclassified); BIOL (Biological study); PROC (Process)
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)
IT 9011-97-6, Cholecystokinin
RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); BIOL (Biological study)
(quant. dynamic multicompartmental anal. of cholecystokinin receptor movement in living cell using dual fluorophores and reconstruction of confocal images)

=>

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NEWS 3	AUG 09	INSPEC enhanced with 1898-1968 archive
NEWS 4	AUG 28	ADISCTI Reloaded and Enhanced
NEWS 5	AUG 30	CA(SM)/CAplus(SM) Austrian patent law changes
NEWS 6	SEP 11	CA/CAplus enhanced with more pre-1907 records
NEWS 7	SEP 21	CA/CAplus fields enhanced with simultaneous left and right truncation
NEWS 8	SEP 25	CA(SM)/CAplus(SM) display of CA Lexicon enhanced
NEWS 9	SEP 25	CAS REGISTRY(SM) no longer includes Concord 3D coordinates
NEWS 10	SEP 25	CAS REGISTRY(SM) updated with amino acid codes for pyrrolysine
NEWS 11	SEP 28	CEABA-VTB classification code fields reloaded with new classification scheme
NEWS 12	OCT 19	LOGOFF HOLD duration extended to 120 minutes
NEWS 13	OCT 19	E-mail format enhanced
NEWS 14	OCT 23	Option to turn off MARPAT highlighting enhancements available
NEWS 15	OCT 23	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS 16	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS 17	OCT 30	CHEMLIST enhanced with new search and display field
NEWS 18	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS 19	NOV 10	CA/CAplus F-Term thesaurus enhanced
NEWS 20	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS 21	NOV 13	CA/CAplus pre-1967 chemical substance index entries enhanced with preparation role
NEWS 22	NOV 20	CAS Registry Number crossover limit increased to 300,000 in additional databases
NEWS 23	NOV 20	CA/CAplus to MARPAT accession number crossover limit increased to 50,000
NEWS 24	NOV 20	CA/CAplus patent kind codes will be updated
NEWS 25	DEC 01	CAS REGISTRY updated with new ambiguity codes

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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NEWS X25	X.25 communication option no longer available